Author Index

Ansari, G. A. S., see Bandi, Z. L. 461
Ansari, K. A.
—— and Shoeman, D. W.
Measurement of hydroperoxydocosahexaenoic acid in rat brain homogenates by reversed-phase high-performance liquid chromatography 457
Araki, M., see Tanaka, N. 195
Aratskova, A. A., see Hradil, J. 209
Arimoto, H., see Suzuki, S.-I. 400
Bandi, Z. L.
—— and Ansari, G. A. S.
Isolation of hydroxy fatty acids from livers of carbon tetrachloride-treated rats by thin-layer chromatography 461
Banks, Jr., J. F.,
—— and Novotny, M. V.
Microcolumn liquid chromatography of small nucleic acid constituents 13
Barker, S. A., see Long, A. R. 404
——, Long, A. R. and Short, C. R.
Isolation of drug residues from tissues by solid phase dispersion 353
Bégos, A., see Sallé, M. 153
Belenkii, B. G., see Tennikova, T. B. 187
Beljakova, L. D., see Hradil, J. 209
Berman, S. S., see Siu, K. W. M. 373
Bidló-Iglóy, M.
Reversed-phase thin-layer and high-performance liquid chromatography of aromatic alkoxy and hydroxy acids 321
Boaretto, A., see Pastore, P. 331
Bourne, D. J., see Duffield, A. M. 273
Bürkle, W., see Schurig, V. 23
Burr, C. M., see Smith, R. M. 57, 75
Cartoni, G. P.
——, Goretti, G., Neri, B. and Russo, M. V.
Evaluation of small diameter capillary columns for gas chromatography 145
Goretti, G., see Cartoni, G. P. 145
Casnati, G., see Palla, G. 45
Ceulemans, J., see Stienlet, D. 247
Chiari, M., see Cossu, G. 283
Chiavari, G.
——, Laghi, M. C. and Torsi, G.
High-performance liquid chromatographic analysis of aldehydes at trace level as their 3-methylbenzothiazolone azine derivatives 343
Chiesa, C., see Cossu, G. 283
Cossu, G.
——, Pirastru, M. F., Satta, M., Chiari, M., Chiesa, C. and Righetti, P. G.
Carrier ampholyte-mediated oxidation of proteins in isoelectric focusing 283
Dingenen, J.
—— and Pluym, A.
Retention behaviour of some classes of pharmaceutical products on chemically modified thin-layer chromatographic plates 95
Dossena, A., see Palla, G. 45
Duffield, A. M.
——, Jamieson, D. D., Lidgard, R. O., Duffield, P. H. and Bourne, D. J.
Identification of some human urinary metabolites of the intoxicating beverage kava 273
Duffield, P. H., see Duffield, A. M. 273
Ebata, T., see Tanaka, N. 195
Engewald, W., see Matisová, E. 113
Faupel, M., see Righetti, P. G. 293
Göbel, T., see Steudel, R. 442
Goewie, C. E., see Hogendoorn, E. A. 432
Goshan-Shirazi, S., see Lin, B. 1
Guilbault, L. F.
——, Hohmann, R. and Wehry, E. L.
Gas chromatographic detection by electron impact-induced fluorescence spectrometry of molecular fragments 237
Guiochon, G., see Lin, B. 1
Ha, P. T., see Matisová, E. 113
Hashizume, K., see Tanaka, N. 195
Hintzer, K., see Schuring, V. 23
Hisamatsu, S., see Sonoki, S. 311
Hjertén, S.
—— and Li, J.-P.
High-performance chromatofocusing of proteins on agarose columns. I. Macroporous 15–20 μm beads 167
——, Li, J.-P. and Liao, J.-L.
High-performance chromatofocusing of proteins on agarose columns. II. Deformed nonporous 12–15 μm beads 177
Hogendoorn, E. A.
—— and Goewie, C. E.
Residue analysis of the herbicides cyanazine and bentazone in sugar maize and surface water using high-performance liquid chromatography and an on-line clean-up column-switching procedure 432
Hohmann, R., see Guilbault, L. F. 237
Holdt, G., see Steudel, R. 442

Horák, D., see Tennikova, T. B. 187
Hosoya, K., see Tanaka, N. 195
Hradil, J.
——, Švec, F., Aratskova, A. A., Beljakova, L. D., Orlov, V. I. and Yashin, Ya. I.
Ion chromatography on methacrylate ion exchangers 209
Hsieh, L. C., see Long, A. R. 404
Huang, J. L.
—— and McLeish, M. J.
High-performance liquid chromatographic determination of the alkaloids in betel nut 447
Husain, S.
——, Pratap, G. and Rao, R. N.
High-performance liquid chromatography of long chain 7-oxo alcohols, acids and their esters 426
Inoue, M., see Okada, T. 412
Ito, Y., see Oka, H. 229
——, Oka, H. and Slemp, J. L.
Improved high-speed counter-current chromatograph with three multilayer coils connected in series. I. Design of the apparatus and performance of semipreparative columns in 2,4-dinitrophenyl amino acid separation 219
Jamieson, D. D., see Duffield, A. M. 273
Kalonia, D. S.
——, Musunuri, S. and Tanglertpaibul, J.
Simultaneous analysis of different species involved in hexaglycine hydrolysis 416
Kever, E. E., see Tennikova, T. B. 187
Klesper, E., see Küppers, S. 85
Kobayashi, T., see Sonoki, S. 311
Kolek, E., see Matisová, E. 113
Kovačičová, E., see Matisová, E. 113
Kudo, H., see Yamanishi, T. 125
Küppers, S.
——, Lorenschat, B., Schmitz, F. P. and Klesper, E.
Programming of pressure and mobile phase composition at constant flow-rate using a self-adjusting valve in supercritical-fluid chromatography 85
Laghi, M. C., see Chiavari, G. 343
Lavagnini, I., see Pastore, P. 331
Lederer, M.
—— and Schudel, M.
Adsorption chromatography on cellulose. V. A simple chromatographic system for the identification of inks 451
Lee-Woolley, C., see Stell, J. G. P. 363
Li, J.-P., see Hjertén, S. 167, 177
Liao, J.-L., see Hjertén, S. 177
Lidgard, R. O., see Duffield, A. M. 273
Lin, B.
——, Ma, Z., Goshan-Shirazi, S. and Guiochon, G.
Study of the representation of competitive isotherms and of the intersection between adsorption isotherms 1
Long, A. R., see Barker, S. A. 353
——, Hsieh, L. C., Short, C. R. and Barker, S. A.
Isocratic separation of seven benzimidazole anthelmintics by high-performance liquid chromatography with photodiode array characterization 404
Lorenschat, B., see Küppers, S. 85
Ma, Z., see Lin, B. 1
Magno, F., see Pastore, P. 331
Marchelli, R., see Palla, G. 45
Matisová, E.
——, Kovačičová, E., Ha, P. T., Kolek, E. and Engewald, W.
Identification of alkylbenzenes up to C_{12} by capillary gas chromatography and gas chromatography–mass spectrometry. II. Retention indices on OV-101 columns and retention–molecular structure correlations 113
Maxwell, P. S., see Siu, K. W. M. 373
McLeish, M. J., see Huang, J. L. 447
Miller, R. K., see Purdon, J. G. 261
Miyakoshi, M., see Okada, T. 412
Miyashita, M.
—— and Yamashita, S.
Studies on iodinated compounds. VI. Separation characteristics of iodohistidines on reversed-phase high-performance liquid chromatography 135
Musunuri, S., see Kalonia, D. S. 416
Neri, B., see Cartoni, G. P. 145
Novotny, M. V., see Banks, Jr., J. F. 13
Oka, H.
—— and Ito, Y.
Improved method for continuous UV monitoring in high-speed counter-current chromatography 229
Oka, H., see Ito, Y. 219
Okada, T.
——, Miyakoshi, M. and Inoue, M.
Adsorbability to and desorbability from Sephadex G-15 of sodium and phosphate ions 412
Orlov, V. I., see Hradil, J. 209
Pagotto, J. G., see Purdon, J. G. 261
Palla, G.
——, Marchelli, R., Dossena, A. and Casnati, G.
Occurrence of D-amino acids in food. Detection by capillary gas chromatography and by reversed-phase high-performance liquid chromatography with L-phenylalaninamides as chiral selectors 45

Pastore, P.
——, Lavagnini, I., Boaretto, A. and Magno, F.
Ion chromatographic determination of nitrite in the presence of a large amount of chloride 331
Pirastru, M. F., see Cossu, G. 283
Pluym, A., see Dingenen, J. 95
Pratap, G., see Husain, S. 426
Purdon, J. G.
——, Pagotto, J. G. and Miller, R. K.
Preparation, stability and quantitative analysis by gas chromatography and gas chromatography–electron impact mass spectrometry of *tert.*-butyldimethylsilyl derivatives of some alkylphosphonic and alkyl methylphosphonic acids 261
Rao, R. N., see Husain, S. 426
Righetti, P. G., see Cossu, G. 283
——, Wenisch, E. and Faupel, M.
Preparative protein purification in a multicompartment electrolyser with immobiline membranes 293
Russo, M. V., see Cartoni, G. P. 145
Saito, Y., see Toyo'oka, T. 391
Sallé, M.
——, Tambuté, A. and Bégos, A.
Design and synthesis of a chiral stationary phase containing a benz[*de*]isoquinolinone skeleton. I. First chromatographic results 153
Satta, M., see Cossu, G. 283
Schmitz, F. P., see Küppers, S. 85
Schudel, M., see Lederer, M. 451
Schurig, V.
——, Bürkle, W., Hintzer, K. and Weber, R.
Evaluation of nickel(II) bis[α-(heptafluorobutanoyl)terpeneketonates] as chiral stationary phases for the enantiomer separation of alkyl-substituted cyclic ethers by complexation gas chromatography 23
Shoeman, D. W., see Ansari, K. A. 457
Short, C. R., see Barker, S. A. 353
——, see Long, A. R. 404
Sinkkonen, S.
Liquid chromatographic determination of planar aromatic sulphur compounds in crude oil 421
Siu, K. W. M.
——, Maxwell, P. S. and Berman, S. S.
Extraction of butyltin species and their gas chromatographic determination as chlorides in a sediment certified reference material for trace metals, PACS-1 373
Slemp, J. L., see Ito, Y. 219
Smith, R. M.
—— and Burr, C. M.
Retention prediction of analytes in reversed-phase high-performance liquid chromatography based on molecular structure. I. Monosubstituted aromatic compounds 57
—— and Burr, C. M.
Retention prediction of analytes in reversed-phase high-performance liquid chromatography based on molecular structure. II. Long term reproducibility of capacity factors and retention indices 75
Sonoki, S.
——, Tanaka, Y., Hisamatsu, S. and Kobayashi, T.
High-performance liquid chromatographic analysis of fluorescent derivatives of adenine and adenosine and its nucleotides. Optimization of derivatization with chloroacetaldehyde and chromatographic procedures 311
Stell, J. G. P.
——, Warne, A. J. and Lee-Woolley, C.
Purification of rabbit liver aldehyde oxidase by affinity chromatography on benzamidine Sepharose 6B 363
Steudel, R.
——, Holdt, G. and Göbel, T.
Ion-pair chromatographic separation of inorganic sulphur anions including polysulphide 442
Stienlet, D.
——, Vervloessem, A. and Ceulemans, J.
Radiolytic synthesis of high-molecular-weight alkanes for chromatographic characterization and identification purposes 247
Suzuki, S.-I.
——, Tsuchihashi, H. and Arimoto, H.
Studies on 1-(2-phenethyl)-4-(N-propionylanilino)piperidine (fentanyl) and related compounds. III. Effect of methyl group introduction into fentanyl on sensitivity enhancement in gas chromatography with surface ionization detection 400
Suzuki, T., see Toyo'oka, T. 391
Švec, F., see Hradil, J. 209
——, see Tennikova, T. B. 187
Takahashi, A., see Toyo'oka, T. 391
Tambuté, A., see Sallé, M. 153
Tan, H. S. I.
——, Yan, Y.-P. and Thio, A. P.
Stability-indicating capillary gas–liquid chromatographic assay of dicyclomine hydrochloride in some pharmaceutical formulations 381

Tanaka, N.
——, Ebata, T., Hashizume, K., Hosoya, K. and Araki, M.
Polymer-based packing materials with alkyl backbones for reversed-phase liquid chromatography. Performance and retention selectivity 195
Tanaka, Y., see Sonoki, S. 311
Tanglertpaibul, J., see Kalonia, D. S. 416
Tennikov, M. B., see Tennikova, T. B. 187
Tennikova, T. B.
——, Horák, D., Švec, F., Tennikov, M. B., Kever, E. E. and Belenkii, B. G.
Hydrolyzed macroporous glycidyl methacrylate–ethylene dimethacrylate copolymer with narrow pore size distribution. A novel packing for size-exclusion high-performance liquid chromatography 187
Thio, A. P., see Tan, H. S. I. 381
Torsi, G., see Chiavari, G. 343
Toyo'oka, T.
——, Suzuki, T., Saito, Y. and Takahashi, A.
Electrochemical detection of mercapturic acid derivatives after separation by high-performance liquid chromatography 391
Tsuchihashi, H., see Suzuki, S.-I. 400
Vervloessem, A., see Stienlet, D. 247
Warne, A. J., see Stell, J. G. P. 363
Weber, R., see Schurig, V. 23
Wehry, E. L., see Guilbault, L. F. 237
Wenisch, E., see Righetti, P. G. 293
Yamanishi, T.
—— and Kudo, H.
Adsorption equilibrium of hydrogen isotopes on alumina adsorbents for gas–solid chromatography 125
Yamashita, S., see Miyashita, M. 135
Yan, Y.-P., see Tan, H. S. I. 381
Yashin, Ya. I., see Hradil, J. 209